

Solvent-based Fluorinated Water and Oil Repellent and Process for Producing the Same

ABSTRACT

This invention discloses a solvent-based fluorinated water and oil repellent and process for producing the same. Said fluorinated water and oil repellent comprises 20 ~ 50% (w/w) blocked polyfluorourethane compound and 50 ~ 80% (w/w) solvent; its reaction agents include fluoroalcohol compound, diisocyanate or polymeric isocyanate compound, cross-linking agent, blocking agent, and solvent. The process for synthesizing the blocked polyfluorourethane is by bulk polymerization.